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Technology Center 2100

AMENDMENTS TO THE SPECIFICATION:

Please substitute the following amended paragraph for the pending paragraph beginning on page 8, line 18.

A1
In some simple cases it may be possible to relate the decisions to the value properties in an analytical way that will allow a mathematical solution for the decisions that give the best match to the desired value properties. For devices where the decisions and properties do not have such a simple relationship, one can enumerate the decision possibilities and select the best set of choices, or one can employ well known iterative, or approximation techniques as mentioned above.

Please substitute the following amended paragraph for the pending paragraph beginning on page 10, line 8.

A2
With reference to Figure 4, the system's document processing component can be a document presentation system that includes document formatting components 300 and imaging components 310. The imaging component 310 can be by a variety of devices including printers, CRT displays, LCD displays, text-to-speech devices and the like. The document-formatting component 300 uses the document description, quantified intents (from the intent capture component 10, as in Figure 1) and imaging component properties stored at 320 (and derived from the imaging components themselves) to produce a formatted document description 340 330 suitable for input to the imaging component.

Please substitute the following amended paragraph for the pending paragraph beginning on page 10, line 18.

A3
With reference to Figure 5, document-formatting component 300 might contain an intent calculation component 400, an intent comparison component 410 comparing candidate intents from the intent calculation component 400 and quantified intents from the intent capture component 10. The decision selection component 420 may use the quantified document intents to generate a candidate

A³
decision set that is used by the decision application component to create a candidate formatted document. The intent- calculation component ~~410~~400 calculates a quantified intent vector from the computed value properties. The intent-comparison component 410 compares quantified intents passed to the document-formatting component 300 to the quantified intents calculated by the intent-calculation component 400 and provides the comparison result to the decision selection component 420 for revision or selection of the candidate decisions. The candidate formatted document and imaging component properties are used by the intent-calculation component 400 to determine measurable property values and corresponding candidate intents for the document and document elements.

Please substitute the following amended paragraph for the pending paragraph beginning on page 11, line 4.

All
With reference to Figure 6, it will be understood that intents can also arise from the user of the document, which may be distinct from the intents of the document creator. A document processing system can inquire as to the user's intents 500, perhaps provided at a user interface, and combine or reconcile them with the intents of the creator 510, received as part of the document, prior to using the intents to format or otherwise process the document. The intent combination process, at intent combiner 520 can be as simple as always selecting the users intents over the creators intents, or selecting the creators intents over the users, or a more complicated numerical combination such as averaging can be applied.
